

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see pages 4 and 5, filed on December 14, 2007, with respect to claims 1 and 3-13 have been fully considered and are persuasive. The 35 U.S.C. § 103(a) of claims 1 and 3-13 has been withdrawn.

### ***Allowable Subject Matter***

2. Claims 1 and 3-13 are allowed.
3. The following is an examiner's statement of reasons for allowance.

The prior art of record, taken alone or in combination, does not teaches the construction of device for handling and recovering kinetic energy in a turbocharged engine as described on and including all the disclosed limitations of independent claim 1, comprising:

a fluid conveyor containing an impeller, which co-operates with the impeller to handle and recover the kinetic energy of incoming fluid, the fluid conveyor comprising a convergent spiral of a fluid inlet configured to receive an incoming fluid from a turbocharger compressor turbine output and a divergent spiral of the fluid outlet configured to output said fluid to an engine intake;

wherein the bladed impeller is formed with a single series of blades, and wherein said single series of blades are configured to both (1) drive the fluid from the fluid inlet to the fluid outlet when the reversible engine/generator is acting as an engine, and (2) be driven by fluid flowing from said fluid inlet to said fluid outlet when the reversible engine/generator is acting as a generator.

Dependent claims 3-13 are considered allowable by their respective dependence on allowed independent claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pedro J. Cuevas whose telephone number is (571) 272-2021. The examiner can normally be reached on M-F from 8:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on (571) 272-2044. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Supervisory Patent Examiner, Art Unit  
2834

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